

# Erik Lundell

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⌚ Swedish, English

💻 Python, C/C++, Matlab, Web development, Java, LabVIEW

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## EDUCATION

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### • Engineering physics

*Faculty of Engineering, Lund University (LTH)*

September 2018 - Summer 2023

- Specializing in Control theory.

- Exchange in Vienna in the spring of 2022.

- Master thesis at Ericsson, '*Energy-Efficient Fixed-Coefficient FIR Filters for Next-Gen mmWave Radios*'

### • Theoretical philosophy

*Lund University*

January 2018 - June 2018

## EXPERIENCE

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### • Test engineer

*DVel AB*

August 2023 - Current

- Consultant role for designing test systems, both hardware and software. I quickly got involved in multiple projects, working about 50% in Python and 50% in LabVIEW.

### • Student worker

*Axis Communications*

Summer 2022

- Created a web app (Python backend using the Flask framework) for creating and visualizing collections of data from a database.

### • Student worker

*Axis Communications*

Summer 2021, part time October 2021 - February 2022

- Investigated using a game engine to generate data for machine learning. The project included writing python scripts to interact with the engine and a creating plugin in C++.

### • Student tutor

*Lund University, Lund*

September 2019 - Mars 2020

### • Tekniksprånget (internship)

*Sandvik, Västberga*

September - December 2016

- Wrote a Python script to prepare, analyze and present data from an industrial process.

## ADDITIONAL QUALIFICATIONS

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### • Student activities

- During my studies in Lund I have been involved in many student activities - a book club, spex and the F-guild just to name a few. I am currently the foreman of the student choir Ostrochorus, taking responsibility for all administrative work, including planning about 15 performances in a year.